

CPRA 1000-T/1200-T

Fully thyristorised heavy duty SAW & gouging

SAW process produces the highest quality welds at speeds higher than MMA or MIG process. Standard single wire SAW can deposit up to 5 kg/hr and automatic multi-wire technique can reach much higher levels

CPRA 1000-T/ 1200-T are reliable power sources offered with AWM (LW) tractor for single wire SAW applications.

INPUT



OUTPUT



PROCESS

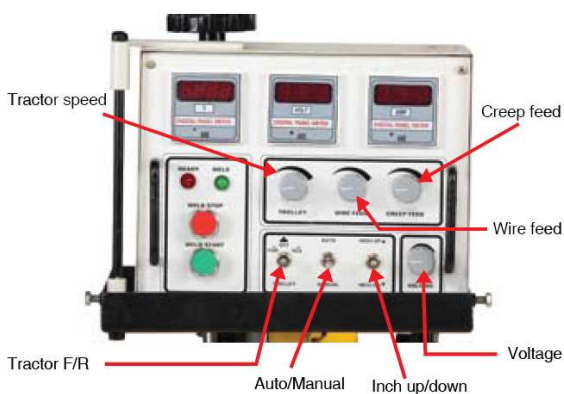


Salient Features

CPRA 1000-T / 1200-T

- Rugged construction.
- Rubberized wheels for ease of mobility.
- For applications up to 1000A/1200A max
- Precise voltage control.
- Mains voltage compensation.
- Protection against thermal overloading

LW control panel



AUTO WELD MAJOR (LW) THY

- Reliable wire feeding.
- 4 wheel tractor mounted with 2m track.
- Up to 1200A max applications.
- Mechanical pointer for tracking.
- Wire inch up / down.



| POWER SOURCE | CPRA 1000-T | CPRA 1200-T |
|---------------------------------------|-----------------------------|-----------------------------|
| Mains supply, Ph x V, Hz | 3 x 415, 50 | 3 x 415, 50 |
| Fuse rating at 415V, A (Max) | 100 | 125 |
| Input power kVA (Max) | 66 | 82 |
| Open circuit voltage, V DC | 59 | 59 |
| Welding current range | 300 A /32 V -1000 A/44 V | 300 A /32V -1200 A /44 V |
| Welding current at 60% duty cycle, A | 1000 | 1200 |
| Welding current at 100% duty cycle, A | 850 | 950 |
| Insulation class | F | F |
| Type of cooling | Forced Air | Forced Air |
| Dimensions, l x w x h, mm | 830 x 670 x 1400 | 830 x 670 x 1400 |
| Weight, Kg | 440 | 440 |

| WELDING HEAD | AUTO WELD MAJOR (LW) THY |
|----------------------------------|--------------------------------------|
| Wire (single) diameter range, mm | 2.4 – 5.0 (Standard), 6.3 (Optional) |
| Wire feed speed, cm/min | 50 – 450 |
| Welding current, A | 1200 max (800A continuous) |
| Vertical adjustment, mm | 140 |
| Horizontal adjustment, mm | 140 |
| Swivel arrangement, Deg | 360° |
| Torch tilt, Deg | ± 45° |
| Speed range of tractor, cm/min | 0 – 150 |
| Hopper capacity, Kg | 5 |
| Wheel center of tractor, cm | 350 |
| Dimension, l x w x h, mm | 1368 x 410 x 1145 |

ORDERING INFORMATION

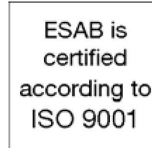
| | |
|--------------------------------|------------|
| CPRA 1000-T | 4620649500 |
| CPRA 1200-T | 4620649600 |
| Auto Weld Major (LW) THY | 4620652737 |
| Track for Auto Weld Major (LW) | 4621649351 |

SAW TRACTOR LW is supplied with 2m track, 1 set of control cable, 1 pair of Cu 70 sq mm welding cable (each 15m in length) and 1 pair of 5m long Cu 70 sq mm welding cable with Earth Clamp.

ESAB helps you get the best butt or fillet welds



Quality accessories for the quality welder
ESAB offers a wide range of accessories. The complete range, along with product information, is available at our local web-sites, look at www.esab.com or contact your local ESAB dealer.



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